

# MAGNETIC STORM SUDDEN COMMENCEMENTS AND SOLAR FLARE EFFECTS (PRELIMINARY REPORT ON RAPID MAGNETIC VARIATIONS)

November 2001

Storm Sudden Commencements (SSC)			Solar Flare Effects (sfe)		
Day	Time	Quality: Station Group*	Day	Begin-End	Station(s)
06	0152	A: NUR* WNG* NGK* BDV* NAG* GCK MMB* EBR* SPT* KAK* KNY* HYB B: HRB HER	08	0702-0710	KNY+
			27	0857-0911	NAG
			30	0102-0115	MMB+ KAK+ KNY+
15	1509	A: NAG SPT* B: NUR* WNG HRB EBR* HYB HER C: SOD* NGK VAL* BDV GCK			
19	1815	B: WNG* EBR HYB HER* C: NGK* BDV* GCK SPT			
24	0556	A: MMB* SPT* KAK* KNY* GUI* B: NUR WNG* NGK* VAL BDV HRB GCK* C: NAG* EBR*			

## REPORTING OBSERVATORIES (up to the 4th of January 2002):

SOD NUR WNG NGK VAL BDV CLF HRB NAG GCK MMB EBR SPT KAK KNY GUI HYB HER

Three-letter codes identify each observatory. Reporting stations have been grouped by the character of the observed event. The letter A means very remarkable; B means fair, but unmistakable; C means very poor, doubtful; and - means no quality figure given. The \* means that the SSC, at least in one component, was preceded by a small reversed impulse. SSCs are given only when five or more stations report the event. SFEs include all reports. If an SFE is confirmed by solar or ionospheric events, the name of the station is identified with a plus sign (+).